



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION **3732**

Inventor(s): Revell et al.

App. No. 09/

673,139

Series Code ↑

Serial No. ↑

Filed: June 12, 2001

Hon. Commissioner of Patents
Washington, D.C. 20231

Group Art Unit

3732

Examiner:

E. Robert

Atty. Dkt.

P

0277860

20060/JND/DPO/kl

M#

Client Ref

Appln. Title: Bone Implant

RECEIVED

NOV - 4 2002

Sir:

REPLY/AMENDMENT/LETTER

TECHNOLOGY CENTER Date October 30, 2002

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim		For B & C See Required Separate Paper (Pat-256)		Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
A. <input type="checkbox"/> NOT made									
B. <input type="checkbox"/> Withdrawn									
C. <input type="checkbox"/> made herewith									
D. <input checked="" type="checkbox"/> made previously									
2. Total Effective Claims				**minus	0	0	x \$18/\$9 =	+ \$0	103/203
3. Independent Claims				***minus	0	0	x \$84/\$42 =	+ \$0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application)				add			+ \$280/\$140 =	+ \$0	104/204
5. Original due Date: August 8, 2002				<input type="checkbox"/> NONE					
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached				(1 mo)	\$110/\$55 =		+ \$460		115/215
				(2 mos)	\$400/\$200 =				116/216
				(3 mos)	\$920/\$460 =				117/217
				(4 mos)	\$1,440/\$720 =				118/218
				(5 mos)	\$1,960/\$980 =				128/228
7. Enter any previous extension fee paid since above original due date and subtract						- \$0			
8.							Extension Fee	+ \$460	
9. If Terminal Disclaimer attached, add Rule 20(d) official fee						+ \$110/\$55		+ \$0	148/248
10. If IDS attached requires Official Fee under Rule 97 (c),				add		+ \$180		+ \$0	126
or if Rule 97(d) Request				add		+ \$180			126
11. After-Final Request Fee per rules 129(a) and 17(r)						+ \$740/370		+ \$0	146/246
12. No. of additional inventions for examination per Rule 129(b)						x \$740/370 ea		+ \$0	149/249
13. Request for Continued Examination (RCE)						+ \$740/370		+ \$0	1179/1279
14. Petition fee for								+ \$0	
15.							TOTAL FEE =	\$460	
16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".									
17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.									
18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.									
				PLEASE CHARGE OUR DEP. ACCT					

Our Deposit Account No. 03-3975)

(Our Order No. 068800 0277860

C#

M#

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP
Intellectual Property Group

By Atty: Robin L. Teskin

Sig:

Reg. No. 35,030

Fax: (703) 905-2500

Tel: (703) 905-2200

P.O. Box 10500
McLean, VA 22102
Tel: (703) 905-2000

Atty/Sec: RLT/af

NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments

RECEIPT FROM PTO FOR INDICATED ITEMS

(Do NOT Use for New or Continuing Applications of Any Kind)
 Use 2 postcards for all New Applns. (cont/Div/CIP, too)
 Use this sheet when filing CPA

Appln. No: 09/673,139	Atty: Robin L. Teskin/af
First Inventor: Revell et al	Date: October 30, 2002
	Matter No: 0277860
	Client No: 068800

ENCLOSED:

☒ Response/Amendment ☒ Appendix ☒ Cover Sheet ☐ Cited/Listed Documents

☐ Completion Request for R 53(f)/PCT Nat.

No. of Pages Abstract

No. of Pages Spec and Claims

No. of Numbered Claims Only

No. of Sheets of Drawings (Figs)

☐ 1 Set Formal ☐ 1 Set Informal ☐ Cover Letter

☐ Declaration

☐ # of pages

☐ Assignment

☐ Cover Sheet

☐ Small Entity Declaration

☐ Extension Petition (PAT-111)

☐ No. of Priority Documents

☐ IDS Letter ☐ Cited Appln(s) ☐ Foreign Sch Rep/OA

☐ PTO-1449 ☐ Cited Documents

☐ Issue Fee Transmittal Form PTOL-85(b) in duplicate

\$

Amount Requested be Charged to our Dep. Acct. No. 03-3975

OTHER:

Petition for Extension of Time

Current DUE DATE:

(Submit Single Copy Only)

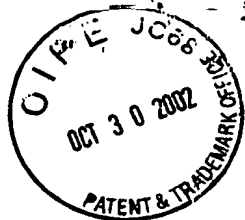
FAXED COPY RECEIVED

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Documents

TECHNOLOGY CENTER 3700

PAT-103A 502



DUPLICATE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

REVELL et al.

Group Art Unit: 3732

Appln. No. 09/673,139

Examiner: E. Robert

Filed: October 11, 2000

Title: BONE IMPLANT

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TECHNOLOGY CENTER R3700

October 30, 2002

REPLY PURSUANT TO 37 C.F.R. §1.111

Hon. Commissioner of Patents
Washington, DC 20231

Sir:

In response to the outstanding Office Action [non-final rejection] mailed on May 8, 2002,
kindly amend the above-identified application as follows:

IN THE CLAIMS

Kindly amend claims 6-14, 20 and 21 as follows:

6. (Amended) The bone implant as claimed in any one of the preceding claims wherein the ions are present at a level of between 1×10^{10} and 1×10^{18} ions per cm^2 of the surface.
7. (Amended) The bone implant as claimed in any one of the preceding claims, wherein the ions are selected from one or more groups of the periodic table consisting of groups IIA, IVB, VIB, VIIB, VIII, IB, IIB, IVA AND VIIA.
8. (Amended) The bone implant as claimed in claim 7, wherein the ions comprise one or more of the following:

magnesium, calcium, strontium, titanium, chromium,
manganese, iron, copper, zinc, silicon and fluorine ions.